**IN THE CLAIMS:**

Please amend claim 1 as shown in the following listing of claims.

1. (currently amended) A catalytic cellulignin fuel, characterized in that it is composed of cellulose and globulized lignin with specific surface of about 1.5 - 2.5 $m^2/g$

wherein the catalytic cellulignin fuel has an empirical formula of $C_{5,5}H_{4,2}O_{1,8}N_{tr}$ and a crystalline density range from 1.252 to 1.375 $g/cm^3$.

2. (original) A catalytic cellulignin fuel according to claim 1, characterized in that it is composed of cellulose and globulized lignin with an average specific surface of about 2 $m^2/g$.

3. (previously presented) A cellulignin fuel according to claim 1, characterized in that it has a heat combustion value of about 18 to 20 MJ/kg.

4. (previously presented) A cellulignin fuel according to claim 1, characterized in that it is ground into particles having size lower than 250 mm.

5. (previously presented) A cellulignin fuel according to claim 1, characterized in that it presents an ignition time equal to or shorter than 20 ms (0.02s).

6. (previously presented) A cellulignin fuel according to claim 1, characterized in that it has a volatilization temperature of about 350° C.

7. (previously presented) A cellulignin fuel according to claim 1, characterized by a Na + K content lower then or equal to 5 ppm.

8. (previously presented) A cellulignin fuel according to claim 1, characterized in that it generates combustion gases with total particulates lower than 200 ppm, the particles having diameter lower than 5 nm at concentrations lower than 8 ppm.